

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/009049 A1

(51) International Patent Classification⁷: **H04N 9/64**
(21) International Application Number:
PCT/KR2004/001811

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(22) International Filing Date: 21 July 2004 (21.07.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2003-0049969 21 July 2003 (21.07.2003) KR

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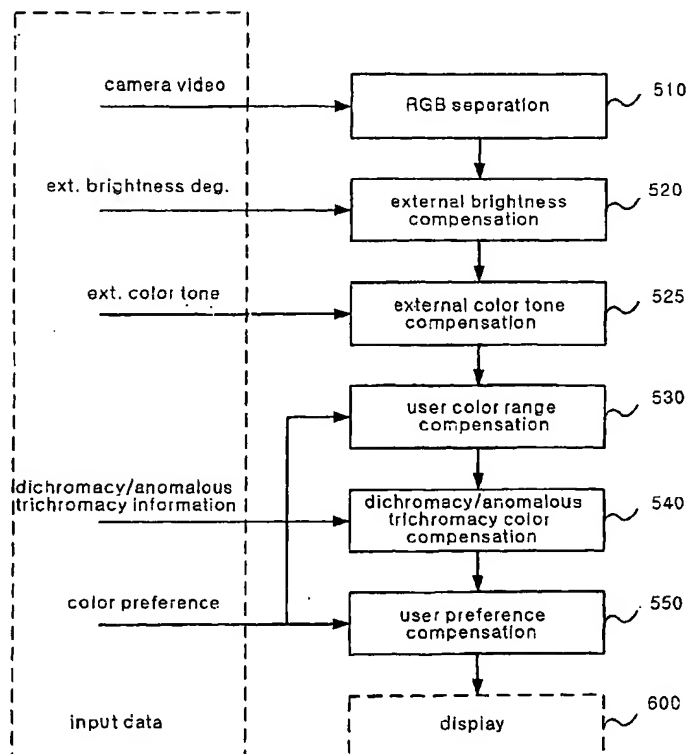
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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

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(54) Title: METHOD AND APPARATUS FOR CAR EQUIPPED COLOR COMPENSATION FOR COLOR BLINDNESS



(57) Abstract: The present invention relates to a method and apparatus for clearly detecting color information in front of a vehicle, and an object of the present invention is to accurately and efficiently show color-related traffic information, such as traffic lights and signs, and the whole color information of objects to color-blind people including people with dichromacy or anomalous trichromacy. The present invention provides a method of compensating for the colors of video frame data provided by a front camera, which includes the steps of compensating the video frame data, which is output from the camera, for external environment, such as surrounding colors and brightness, selecting a color range preferred by a user, compensating for the colors of the color-compensated video frame data according to the user's color blindness degree that was input or will be input, and transmitting external scenes, such as the front scene of the vehicle, to the user using a user interface considering user preference.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*